



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

ITW Building Components Group, Inc.
2400 Lake Orange Drive, Suite 150
Orlando, FL 32837

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Alpine Wave Truss Steel Plate

APPROVAL DOCUMENT: Drawing No. WaveDade, titled "Alpine Wave Truss Plate ", sheet 1 of 1, dated 06/21/2001, with last revision dated 08/16/2007, prepared by ITW Building Components Group, Inc., signed and sealed by Stuart L. Lewis, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 12-0306.08 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



Officer
10/29/2014

NOA No. 14-0811.15
Expiration Date: May 14, 2016
Approval Date: November 6, 2014
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS *"Submitted under NOA # 07-0525.02"*

1. Drawing No. WaveDade, titled "Alpine Wave Truss Plate", sheets 1 of 1, dated 06/21/2001, with last revision dated 08/16/07, prepared by ITW Building Components Group, Inc., signed and sealed by Stuart L. Lewis, P.E.

B. TESTS *"Submitted under NOA # 07-0525.02"*

1. Test Report on Lateral Resistance Test, Tension and Shear Strength Tests per ANSI/TPI 1-2002, along with marked-up drawings and Tensile Test per ASTM E8-04, prepared by PFS Corporation, Report No. 06-54, dated 07/18/2007, signed and sealed by James A. Rothman, P.E.

C. CALCULATIONS *"Submitted under NOA # 07-0525.02"*

1. Calculations for Lateral Resistance Values per ANSI/TPI 1-2002, dated 08/16/2007, signed and sealed by Stuart L. Lewis, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to 5th edition (2014) FBC issued by ITW Building Components Group, Inc, dated 08/04/2014, signed and sealed by Stuart L. Lewis, P.E.
- "Submitted under NOA # 12-0306.08"*
2. Statement letter of code conformance to 2010 FBC, issued by ITW Building Components Group, Inc, dated 03/01/2012, signed and sealed by Stuart L. Lewis, P.E.


10/29/2014

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 14-0811.15

Expiration Date: May 14, 2016
Approval Date: November 6, 2014

PRODUCT REVISED
as complying with the Florida
Building Code.
Acceptance No. 14-0811.15
Expiration Date 05/14/2016
By *[Signature]*
Miami Dade Product Control

ALPINE WAVE TRUSS PLATE

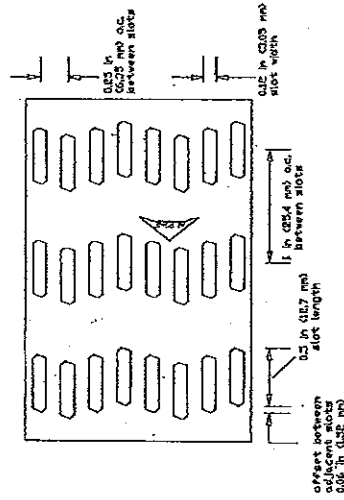
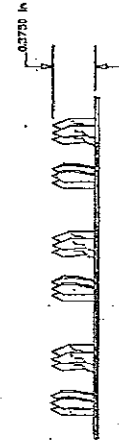
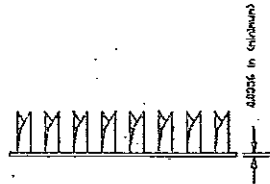


PLATE SHOWN ABOVE IS A 2X3 (2 IN X 3 IN).

TRUSS PLATE CHARACTERISTICS

Thickness: 0.0356 inches (20-gage)
Steel Grade: ASTM A653 SS Grade 40
Coating: G60 per ASTM A653
Teeth: 8 Teeth/sq. in.
Size: Increments of 1" width and length
Other: Slots are 0.12 in wide x 0.50 in long aligned parallel to the plate length and spaced 0.25 in o.c. across the width of the plate and 1.0 in o.c. along the length of the plate. Adjacent slots are staggered 0.06 inches along the length of the plate from each other in a double alternating pattern, as shown above.



IDENTIFICATION MARK ON PLATE, ENLARGED:



LATERAL RESISTANCE

Allowable Loads in lb/sq.in. of plate area.

Species	End Distance	Direction of Grain & Load with Respect to Length of Plate	EA	AE	EE
Doug. Fir-Larch & Southern Pine	0"	185	162	139	178
Spruce-Pine-Fir	1/2"	270	210	139	178
Hem-Fir	0"	179	138	121	128
	1/2"	163	141	121	128

Notes: 1. Design values are based on end distances shown above and 1" edge distance.
2. Standard values apply to hydraulic, pneumatic and multiple pass roller presses.
3. Roller values apply to single pass roller presses with 16" or greater diameter rollers shall use the following correction if the above values:
Q = a value for 317/HR 70.7% for 183/HR.

SHEAR LOAD EFFICIENCY

Direction of Load With Respect to Length of Plate	Shear Resistance Effectiveness Ratio
0 degrees	80.0%
30 degrees	68.1%
60 degrees	77.7%
90 degrees	52.1%
120 degrees	42.9%
150 degrees	41.5%

TENSION LOAD EFFICIENCY

Parallel	Perpendicular
52.0%	52.5%

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0346.08
Expiration Date 05/14/2016
By *[Signature]*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-0229.01
Expiration Date 05/14/2016
By *[Signature]*
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 07-0523.02
Expiration Date 05/14/2016
By *[Signature]*
Miami Dade Product Control

MANUFACTURER: YTW Building Components Group Inc.
1950 Marley Dr.
Hialeah City, FL 33844
(ph# 863-422-8865)

TITLE: Alpino Wave Truss Plate

DRAWING NUMBER: WaveDede	DRAWING DATE: 08/21/01
SHEET NUMBER: 1	REVISION DATE: 08/18/07
FL-ENG: Stuart L. Lewis, P.E. Number 45927	